

Arkansas

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	2,115	453,928	40	Total R&D performance, 1995 (millions)	\$330	\$177,210	44
Doctoral engineers, 1995	263	86,738	45	Industry R&D, 1995 (millions)	\$181	\$130,332	42
S&E doctorates awarded, 1996	65	27,230	42	Academic R&D, 1996 (millions)	\$93	\$22,481	39
of which, in life sciences	48%	25%		of which, in life sciences	77%	56%	
in engineering	23%	23%		in engineering	10%	16%	
in physical sciences	14%	14%		in physical sciences	5%	10%	
S&E postdoctorates, 1996	85	37,019	40	Higher education current-fund expenditures, 1995 (millions)	\$1,211	\$182,602	37
in doctorate-granting institutions							
S&E graduate students, 1996	1,610	430,631	42	Number of SBIR awards, 1990-1997	28	31,155	46
in doctorate-granting institutions				Patents issued to state residents, 1997	125	61,699	43
Population, 1997 (000s)	2,523	271,464	34	Gross state product, 1996 (billions)	\$56.4	\$7,677.4	32
Civilian labor force, 1997 (000s)	1,211	137,564	34	of which, agriculture	5%	2%	
Personal income per capita, 1997	\$19,585	\$25,598	49	manufacturing, mining, construction	30%	23%	
Federal spending				transportation, communication, utilities	11%	8%	
Total expenditures, 1997 (millions)	\$12,668	\$1,405,060	33	wholesale and retail trade	16%	16%	
R&D obligations, 1996 (millions)	\$147	\$66,087	40	finance, insurance, real estate	11%	19%	
				services	15%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal	All FFRDCs	Industrial firms	Universities &	Other	State & local	State rank
	Intramural				Colleges	nonprofits	government	
Total, all agencies	146,727	104,426	0	4,116	35,597	1,971	617	40
Department of Agriculture	15,565	5,560	0	0	9,981	0	24	31
Department of Commerce	131	0	0	0	0	131	0	48
Department of Defense	68,113	61,001	0	2,859	4,253	0	0	31
Department of Energy	200	0	0	0	200	0	0	50
Dept. of Health & Human Services	55,589	34,171	0	676	18,902	1,840	0	30
Department of Interior	3,887	3,694	0	0	193	0	0	33
Department of Transportation	767	0	0	73	101	0	593	41
Environmental Protection Agency	145	0	0	70	75	0	0	41
Nat'l Aeronautics & Space Admin.	479	0	0	140	339	0	0	50
National Science Foundation	1,851	0	0	298	1,553	0	0	52
State rank	40	22	na	48	41	42	45	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable